Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-29 (Canceled)

Claim 30 (New): A spray nozzle comprising:

a central tube with a central passage for supply of a liquid, the passage terminating in an orifice for discharge of the liquid,

a second tube surrounding the central tube whereby a first passage is defined between the central tube and the second tube for supply of primary air,

a nozzle cone positioned at the end of the second tube and defining the outer periphery of a first discharge gap of the first passage, causing air supplied through the first passage to be mixed with the liquid to provide a liquid/air spray,

a third tube surrounding the second tube whereby a second passage is defined between the second and the third tube for supply of secondary air, and

a jacket positioned at the end of the third tube and defining the outer periphery of a second discharge gap of the second passage,

characterized in that the nozzle cone is adjustably positioned at the end of the second tube for adjustment of the size of the first discharge gap.

Claim 31 (New): A spray nozzle according to claim 30 , wherein the nozzle cone is removably attached to the second tube.

Claim 32 (New): A spray nozzle according to claim 30, wherein the jacket is adjustably positioned at the end of the third tube for adjustment of the size of the second discharge gap.

Claim 33 (New): A spray nozzle according to claim 30, wherein the jacket is removably attached to the third tube.

Claim 34 (New): A spray nozzle according to claim 30, wherein the first discharge gap is positioned at a distance upstream in relation to the orifice.

Claim 35 (New): A spray nozzle according to claim 30, wherein the second discharge gap is positioned at a distance upstream in relation to the first discharge gap.

Claim 36 (New): A spray nozzle according to claim 30, wherein the central tube is removable.

Claim 37 (New): A spray nozzle according to claim 30, further comprising a removable

nozzle tip positioned at the end of the central tube and comprising the orifice.

Claim 38 (New): A spray nozzle according to claim 36, wherein the central tube and the nozzle tip constitutes a removable unit of the spray nozzle.

Claim 39 (New): A spray nozzle according to claim 30, wherein the central tube is a flexible hose, comprising a Teflon ® liner.

Claim 40 (New): A spray nozzle according to claim 30, wherein the nozzle cone is made of stainless steel.

Claim 41 (New): A spray nozzle according to claim 40, wherein the second tube is made of a different type of stainless steel whereby reaming is suppressed.

Claim 42 (New): An apparatus for controlled agglomeration, comprising a spray nozzle according to claim 30, and further comprising:

a fluid bed for fluidization of a second composition having a temperature of at the most a temperature corresponding to a melting point of a carrier, such as a temperature of at least about 2 °C, at least about 5 °C or at least about 10 °C lower than the melting point of the carrier, the spray nozzle being mounted in the fluid bed for spraying a first composition comprising the carrier in liquid form on the second composition fluidized in

the fluid bed,

a temperature and pressure controlled tank containing the first composition, and connected to the central passage for supply of the first composition at a temperature above the melting point of the carrier,

a first temperature controlled pressurized air supply that is connected to the first passage for supplying temperature controlled primary air to the spray nozzle, and

a second temperature controlled pressurized air supply that is connected to the second passage for supplying temperature controlled secondary air to the spray nozzle.

Claim 43 (New): An apparatus according to claim 42, wherein the carrier has a melting point of about 5 °C or more such as, about 10 °C or more, about 20°C or more or about 25 °C or more.

Claim 44 (New): An apparatus according to claim 42, wherein the temperature of the supplied primary air is above the melting point of the carrier.

Claim 45 (New): An apparatus according to claim 42, wherein the temperature of the supplied secondary air is at the lower end of the melting temperature range of the carrier.

Claim 46 (New): An apparatus according to claim 42, wherein the fluid bed is a roto fluid

bed.

Claim 47 (New): An apparatus according to claim 42, wherein the fluid bed is a Wurster fluid bed.

Claim 48 (New): An apparatus according to claim 42, wherein the fluid bed is a Kugel coater.

Claim 49 (New): An apparatus according to claim 42, wherein the spray nozzle is mounted at the top of the fluid bed.

Claim 50 (New): An apparatus according to claim 42, wherein the spray nozzle is mounted at the bottom of the fluid bed.

Claim 51 (New): An apparatus for controlled agglomeration, comprising a spray nozzle according to claim 30, and further comprising:

an intensive mixer for mixing of a second composition having a temperature of at the most a temperature corresponding to a melting point of a carrier, such as a temperature of at least about 2 °C, at least about 5 °C or at least about 10 °C lower than the melting point of the carrier, the spray nozzle being mounted in the mixer for spraying a first composition comprising the carrier in liquid form on the second

composition during mixing in the intensive mixer,

a temperature and pressure controlled tank containing the first composition, and connected to the central passage for supply of the first composition at a temperature above the melting point of the carrier,

a first temperature controlled pressurized air supply that is connected to the first passage for supplying temperature controlled primary air to the spray nozzle, and

a second temperature controlled pressurized air supply that is connected to the second passage for supplying temperature controlled secondary air to the spray nozzle.

Claim 52 (New): An apparatus according to claim 51, wherein the intensive mixer is a high shear mixer.

Claim 53 (New): An apparatus according to claim 51, wherein the intensive mixer is a low shear mixer.

Claim 54 (New): An apparatus according to claim 51, wherein the intensive mixer is a horizontal mixer.

Claim 55 (New): An apparatus according to claim 51, wherein the intensive mixer is a vertical mixer.

Claim 56 (New): A spray dryer with a spray nozzle according to claim 30.

Claim 57 (New): A spray dryer according to claim 56, wherein the spray nozzle is mounted at the top of the spray dryer.

Claim 58 (New): A spray dryer according to claim 56, wherein the spray nozzle is mounted at the bottom of the spray dryer.